

MONUMENT RECORD

Corner ID: InCr_K21

Quarter Corner

Sections 28 & 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P283**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sugar	10"	S 60° E	5.9'
Beech	4"	N 46° E	7.3'

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **1/9/1855** By: **John Paynter**

Where filed or recorded: **MCSO LSB 1, page 288**

Monument: **corner made**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Maple	28"	N 20° E	19.1'
Dogwood	4"	N 43° E	20.5'

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **3/26/1889** By: **M. Buskirk**

Where filed or recorded: **MCSO LSB 2, page 472**

Monument: **Established corner for northern ½ mile**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
B.Walnut	5"	N 29° W	27.7'
B.Walnut	3"	S 78° E	46.2'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **11/22/2010** By: **Kevin Enright**

Where filed or recorded: **Monroe County Mon. Record K21**

Original monument: **Found ¾" pinched iron pipe**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Mag in Sugar Maple	20"	S 73° W	39.98'
MCSO survey sign on tpost		N 55° W	0.22'
Mag in W.Oak	26"	S 73° E	46.25'

Notes: **Approved by MCSRB on 12/14/2010**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/16/2022** By: **RSO & PMO** Monument Found: **Pipe** BTs or Reference Objects Found: **Found all reference objects from 2010 Monument Record. Did not find the mag nails in the trees** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Section Corner plats for Sections 28 and 33 (Origin of IP)	MCSO RSID 002039 MCSO RSID 002123
4/28/1839	Spencer, James	Legal Survey in Section 33	MCSO LSB1, pg 066
6/14/1975	Graham, Raymond	David Charnstorm survey in Section 28	MCSO RSID 002041
9/2/2003	Deckard, Eric Lee	Boundary survey for Daisy Garton Trust	MCR 2003033113 MCR 2005000200
12/23/2005	Smale, James	Larry D. McConnell Boundary survey	MCR 2006018972

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

¾" pinch top galvanized iron pipe found 6" above grade.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The corner is approximately 300 feet north of the northeast corner of a hayfield and is located between an old road bed to the south and a more recent logging road to the north.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

No trace was found of the monument or the bearing trees from either of the 1800s era legal surveys listed above. An IP set is shown at this corner on unsigned and undated section corner plats for Sections 28 and 32. The bearings

MONUMENT RECORD

Corner ID: InCr_K21

Quarter Corner

Sections 28 & 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



and distances on the section corner plats correspond to a survey for David Charnstorm by Raymond Graham dated 6/14/1975 and filed digitally in the office of the Monroe County Surveyor as RSID002041. The Charnstorm survey does not depict any monuments. It is likely that the pipe and the undated section corner plats originated from Raymond Graham in the mid-1970s. The pipe first appeared on a recorded survey in 2003 when it was accepted by Eric Deckard. It has been accepted consistently on subsequent surveys and was accepted by the Monroe County Surveyor Review Board on 12/14/2010.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: *Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.*
- Discrepancies in the Documents: *1.9 feet.*
- Inconsistencies in the lines of Occupation: *North/south fence remains were observed 46 feet east of the pipe and east/west fence remains were observed 12.5 feet south of the pipe. The approximate centerline of an old road bed is located 31 feet south of the pipe.*
- Theoretical Uncertainty (Random Errors in Measurement): *The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.*

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was found 0.2 feet northwest of the pipe with a yellow Survey Marker sign attached 3 feet above grade.

GEODETIC COORDINATES: Northing: *1369291.16'*, Easting: *3079188.00'*

BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	N 86° E	22.4'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 6" above grade on the southeast side of a 16" dbh shagbark hickory
B	S 74° W	40.0	Hacked mark over old mag nail found 6" above grade on the southeast side of a 17" dbh maple (2010 Witness B)
C	S 13° W	8.5'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 5" above grade on the east side of a 6" dbh tight-bark hickory
D	S 73° E	48.4'	No nail was found in the 26" oak tree listed as Witness D on the 2010 Monument Record. The tree is embedded with north/south fence remains. The distance noted hereon is to the south side of the middle of the tree.

MONUMENT RECORD

Corner ID: InCr_K21

Quarter Corner

Sections 28 & 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



Notes: *Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.*

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.

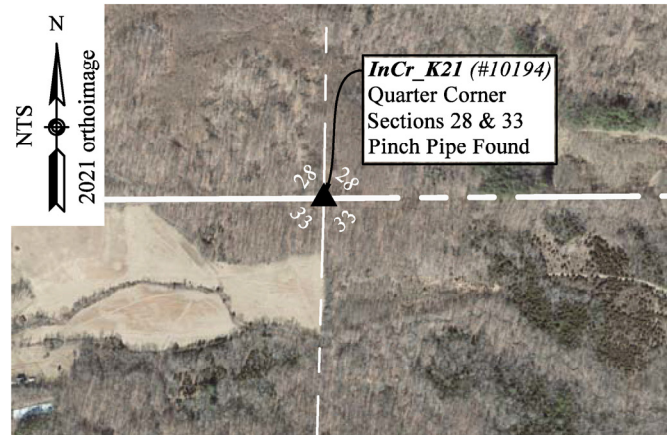
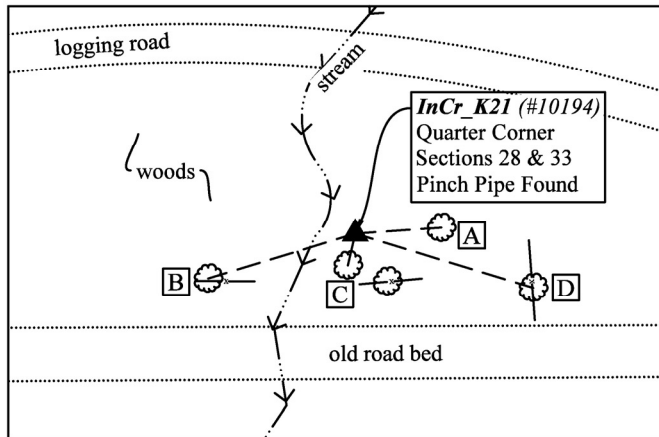


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County "PROTECT NEARBY SURVEY MARKER" sign. Provide photo orientation and date. Additional photos may be included by clicking the "+" button at the end of the horizontal line.

Photo Date: **3/16/2022**



Photo Orientation & Description: **Pinch top pipe at K21**



Photo Orientation & Description: **Looking northeast at K21**

FIELD PERSONNEL:

Field Date: **3/16/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **42** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**
Indiana Professional Surveyor No.: **21100022**
Firm Name: **Oser Surveying & Mapping LLC**
Date: **3/31/2022**

MONUMENT RECORD

Corner ID: InCr_K21

Quarter Corner

Sections 28 & 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



Signature:

Rachel Oser



This document is not complete without the associated plat and report of even date.

Seal:

OFFICE USE ONLY

NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:			
Offeror Name: Rachel Savich Oser		Firm Name: Oser Surveying & Mapping LLC	
Phone: 812-320-2694		Email: Rachel@OserSurveying.com	
Corner Classification: Perpetuated		Corner Coordinate Status: Survey Grade	
Issue Date: 2/23/2022	Form Due Date: 3/31/2022	Form Receipt Date: 7/27/2022	
Recorded Instrument Number of Associated Corner Perpetuation Survey: 2022010375.IN			

COUNTY SURVEYOR APPROVAL:		Seal:
<input checked="" type="checkbox"/> Yes, Signature: <i>[Signature]</i>	Date: 9/27/2022	
<input type="checkbox"/> No, reasons for denial		

SURVEYOR REVIEW BOARD APPROVAL:		Seal:
<input checked="" type="checkbox"/> Yes, Signature: <i>[Signature]</i>	Date: 9/27/2022	
<input type="checkbox"/> No, reasons for denial		

MONUMENT RECORD
State of Indiana - County of Monroe

Section: 33

Township: 7 North

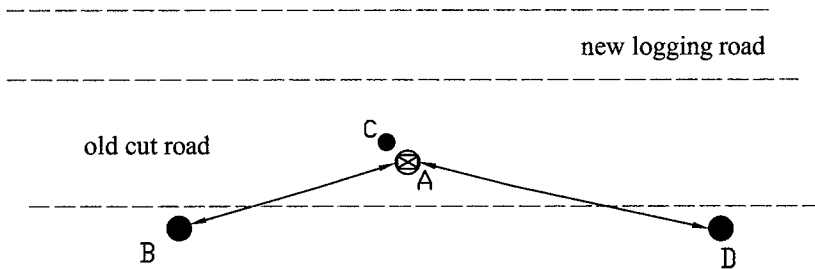
Range: 2 West

Corner ID: InCr K-21

Monument Description & Remarks: 3/4" pinched Iron Pipe. Survey Sign 3ft above ground at pt. C

References On File: Eric Deckard survey, Daisy Garton (2003), on file in Recorder Office cabinet S1 envelope 205/206 and envelope 243/244

RECOVERY TIE DRAWING
Field Book 44 Page No. 64



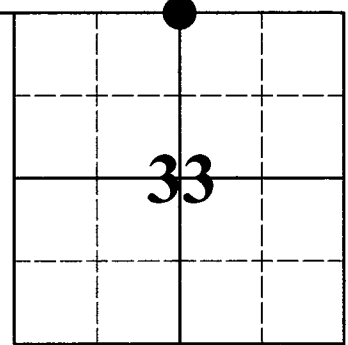
A - 3/4" Iron Pipe

B - S 73° W 39.98' to MAG
nail in 20" Sugar Maple

C - N 55° W 0.22' to Survey
Sign on metal "T" fence post

D - S 73° E 46.25' to MAG
nail in 26" White Oak Tree

Not To Scale
Compass Bearing Magnetic North



I, Kevin P. Enright, Monroe County Surveyor, hereby certify that this document was prepared under my direction in accordance with the provisions of section 36-2-12-11 of the Indiana Code; and the above data is given under my hand and seal this 22nd day of November, 2010.

Administered by the Monroe County Surveyor Review Board

Date: 12/14/2010



Drawn by: T.E.R. Print date: December 10, 2010